Prices

SureX No. 1 fully equipped	$750.00
Lead Protective Screen	
Secondary Voltmeter	
Miliammeter	
No. 12 Tube Stand with Adjustable Table	85.00
Tungsten Target X-ray Tube 7″	38.50
	$873.50

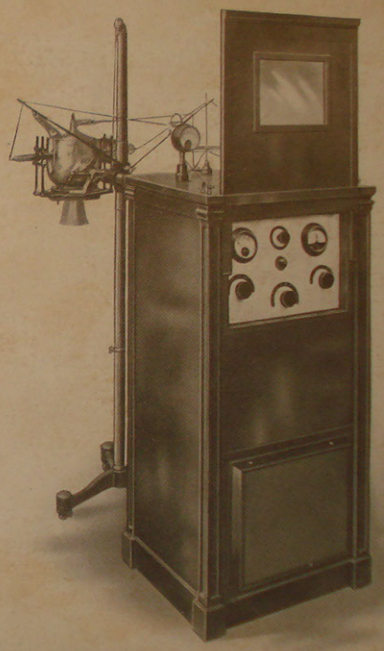
Guarantee

THE CAMPBELL ELECTRIC CO. guarantees the mechanical construction of the X-ray Transformer and will supply, free of charge, any part developing inherent defect within the period of two years from date of sale.

Prices are F. O. B. Lynn. Terms 5 per cent. cash. Easy payment terms quoted on application.

CAMPBELL ELECTRIC COMPANY
(Incorporated)
Principal Office and Factory
LYNN, MASS., U. S. A.

Campbell SureX No. 1



CAMPBELL ELECTRIC COMPANY
LYNN, MASSACHUSETTS

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SureX
Interrupterless Transformer
No. 1

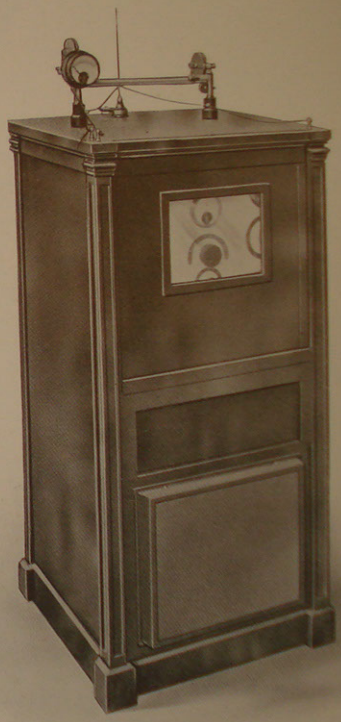
THIS latest addition to the Campbell line of transformers has been designed to supply the demand of the general practitioner and surgeon for an inexpensive but powerful Roentgen Ray Generator of sufficient capacity to do all classes of work with the exception of gastro-intestinal work without taxing its full output, and to make clear, contrasting radiographs rich in detail in quick time, also one who does not consider the Roentgen work which his own practice will yield sufficient to warrant an investment of from fifteen hundred to three thousand dollars and at the same time IS NOT satisfied with apparatus limited to radiography of the bony structure.

Roentgenography

The SureX No. 1 IS NOT a small transformer but one of ample capacity to do practically all abdominal work with the exception of rapid gastro-intestinal work, in which case it would not be recommended nor could it be expected to accomplish the work of the larger SureX.

The power of the larger SureX is required to make radiographs of the active viscera rapidly enough to eliminate the peristaltic wave and produce the distinctive demarcation so necessary to facilitate correct diagnosis.

The SureX No. 1 will make radiographs of any part of the body in from three to five seconds, including the spine, head, frontal sinus, pelvis, heart, lung tissue, renal, urinary and biliary calculi.



EQUIPMENT

The SureX No. 1 is regularly equipped with:

1. Lead Protective Screen which is a part of the cabinet, contains leaded glass window, which may be quickly raised into position for use, as illustrated on front page, affording protection to the operator.
2. Secondary Voltmeter.
3. Miliammeter.
4. Polarity Indicator.
5. Parallel Spark Gap Indicator.

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Fluoroscopy

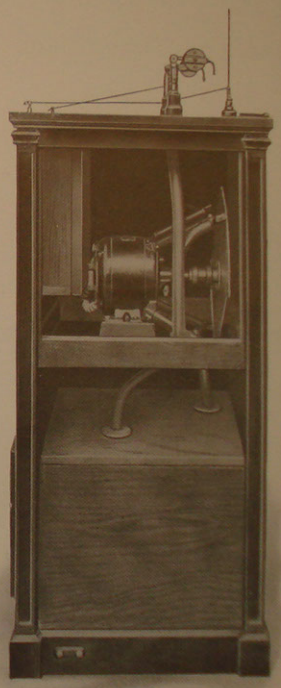
The SureX No. 1 is a most practical machine for fluoroscopic work as its capacity and voltage is sufficient to meet all requirements in this branch of Roentgenology. It is designed with special consideration for its use with a COOLIDGE TUBE with control so arranged that the resistance may be cut out entirely, the current controlled by the filament transformer, and the penetration by selective inductance only. The efficiency of this machine for fluoroscope work is greatly increased by the use of the monoplate type of rectifier, 18 inches in diameter with surface between conductors cut away to prevent carbonization."

Control

The Control of the No. 1 SureX is very similar to that of our larger machines. Regulation of the current is obtained by changing both voltage and miliamperage by means of selective inductance and resistance repectively.

A Secondary voltmeter is provided to register the voltage at the secondary terminals, enabling the operator to determine accurately the penetration of his tube, and to eliminate the guesswork heretofore made necessary by that one uncertain factor, the changeable vacuum of the tube.

The Secondary voltmeter indicates the pressure forcing the current through the tube which was previously determined by the inaccurate method of measuring the back-up spark.



SPECIFICATIONS

Transformer, closed core (non-fluid insulation).
Synchronous Motor, self-starting.
Rectifier, Monoplate type, diameter 18 inches.
Dimensions, 24" x 24" x 77" high to top of screen.
Finish, standard finish mahogany or oak. Weight complete, 600 lbs.

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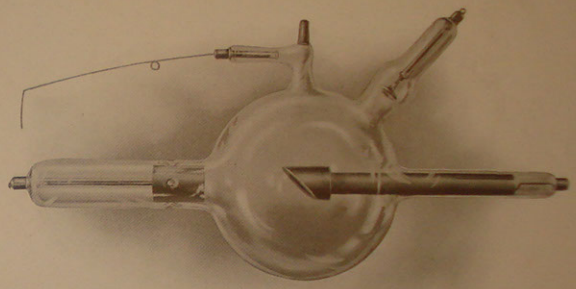
Metal Tube Stand

Constructed entirely of metal. Finished in polished nickel plate. Large steady base supporting steel tube. Provided with heavy lead glass tube shield. Slot provided for use of various sizes of lead diaphragms to change size of exposure area. Cord spreaders to hold conducting cords in position. Tube adjustable to all necessary angles and heights. Provided with adjustable universal table for light work.

PRICE

No. 12, Tube Stand counterbalanced, with one cone, diaphragm and adjustable table **$85.00**

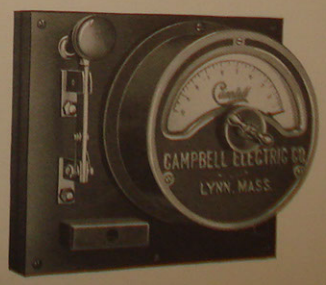
Tungsten Target X-ray Tube



The average purchaser of X-ray apparatus little suspects the responsibility resting on the TUBE furnished with his outfit. All other conditions being equal your tube will control the quality of your work.

Price 7″ Tungsten Target **$38.50**

Automatic Time Switch



The most essential factor to insure uniform Roentgenography is *correct technique.*

DO NOT GUESS

Short exposures should be accurately timed

An error of one-half second on an exposure of two seconds represents an over-exposure of 25%.

Price, complete with cords and mounting . . **$60.00**

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